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OM protein - protein search, using sw model

Run on: March 13, 2003, 09:27:40 ; Search time 15 Seconds
(without alignments)
49.038 Million cell updates/sec

Title: US-09-913-524-1

Perfect score: 143

Sequence: 1 PWSFSAALLRLQRPPEPAHANCHR 25

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 262574 seqs, 29422922 residues

Total number of hits satisfying chosen parameters: 262574

Minimum DB seq length: 0

Maximum DB seq length: 20000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database :

Issued_Patents_AA:*

1: /cgn2_6/ptodata/1/iaa/5A_COMB.pep.*

2: /cgn2_6/ptodata/1/iaa/5B_COMB.pep.*

3: /cgn2_6/ptodata/1/iaa/6A_COMB.pep.*

4: /cgn2_6/ptodata/1/iaa/6B_COMB.pep.*

5: /cgn2_6/ptodata/1/iaa/PCTUS_COMB.pep.*

6: /cgn2_6/ptodata/1/iaa/backfiles1.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match %	Length	DB ID	Description
1	143	100.0	351	1	US-08-197-792-39
2	143	100.0	351	1	US-08-459-850-39
3	143	100.0	351	1	US-08-459-214-39
4	131	91.6	364	1	US-08-197-792-29
5	131	91.6	364	1	US-08-459-850-29
6	131	91.6	364	1	US-08-459-214-29
7	110	76.9	122	1	US-08-581-529B-16
8	110	76.9	122	1	US-08-455-559-22
9	110	76.9	122	2	US-08-525-596B-26
10	110	76.9	122	2	US-08-581-528A-16
11	110	76.9	122	3	US-09-097-616-16
12	110	76.9	122	3	US-09-177-860A-26
13	110	76.9	122	4	US-08-624-635-18
14	110	76.9	122	4	US-09-145-060-22
15	110	76.9	122	5	PCT-US94-00657-22
16	110	76.9	122	5	PCT-US94-07762-16
17	110	76.9	122	5	PCT-US94-07799-16
18	106	74.1	121	1	US-08-481-377-20
19	106	74.1	121	2	US-08-491-835-18
20	106	74.1	121	3	US-09-153-733A-20
21	106	74.1	121	3	US-08-946-092A-18
22	106	74.1	121	4	US-09-172-062-18
23	106	74.1	121	4	US-09-301-520D-18
24	106	74.1	121	4	US-09-389-705-20
25	106	74.1	121	5	PCT-US94-00666-20
26	106	74.1	121	5	PCT-US94-00665-18
27	96	67.1	26	1	US-08-197-792-1

28	96	67.1	26	1	US-08-459-850-1	Sequence 1, Appli
29	96	67.1	26	1	US-08-459-214-1	Sequence 1, Appli
30	75	52.4	116	1	US-08-197-792-38	Sequence 38, Appl
31	75	52.4	116	1	US-08-459-850-38	Sequence 38, Appl
32	75	52.4	116	1	US-08-459-214-38	Sequence 38, Appl
33	73	51.0	27	2	US-09-072-323-4	Sequence 4, Appli
34	73	51.0	28	2	US-09-072-323-6	Sequence 6, Appli
35	61	42.7	101	1	US-08-481-633B-2	Sequence 2, Appli
36	61	42.7	101	1	US-08-480-493A-2	Sequence 2, Appli
37	61	42.7	101	1	US-08-482-638A-2	Sequence 2, Appli
38	54.5	38.1	1832	3	US-09-335-409-4	Sequence 4, Appli
39	54.5	38.1	1832	4	US-09-568-102-4	Sequence 4, Appli
40	54.5	38.1	1832	4	US-09-567-969-4	Sequence 4, Appli
41	54.5	38.1	1832	4	US-09-568-480-4	Sequence 4, Appli
42	54.5	38.1	1832	4	US-09-568-486-4	Sequence 4, Appli
43	54.5	38.1	1832	4	US-09-568-472-4	Sequence 4, Appli
44	54.5	38.1	1832	4	US-09-567-899-4	Sequence 4, Appli
45	52	36.4	77	5	PCT-US95-02795A-4	Sequence 4, Appli

ALIGNMENTS

RESULT 1

US-08-197-792-39

; Sequence 39, Application US/08197792

; Patent No. 5525486

; GENERAL INFORMATION:

; APPLICANT: Anthony J. Mason

; APPLICANT: Peter H. Seeburg

; TITLE OF INVENTION: Nucleic Acid Encoding the Alpha or Beta Chains of Inhibin

; NUMBER OF SEQUENCES: 44

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Genentech, Inc.

; STREET: 460 Point San Bruno Blvd

; CITY: South San Francisco

; STATE: California

; COUNTRY: USA

; ZIP: 94080

; COMPUTER READABLE FORM:

; MEDIUM TYPE: 5.25 inch, 360 kb floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: patin (Genentech)

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/197,792

; FILING DATE: 16-FEB-1994

; CLASSIFICATION: 435

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 07/958414

; FILING DATE: 08-OCT-1992

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 07/744207

; FILING DATE: 12-AUG-1991

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 07/215466

; FILING DATE: 05-JUL-1988

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 06/906729

; FILING DATE: 31-DEC-1986

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 06/927710

; FILING DATE: 07-FEB-1986

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 06/783910

; FILING DATE: 03-OCT-1985

; ATTORNEY/AGENT INFORMATION:

; NAME: Hasak, Janet E.

; REGISTRATION NUMBER: 28,616

; REFERENCE/DOCKET NUMBER: 297P2D4

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: 415/225-1896

; TELEFAX: 415/952-9881

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?
?
? TELEX: 910/371-7168
? INFORMATION FOR SEQ ID NO: 39:
? SEQUENCE CHARACTERISTICS:
? LENGTH: 351 amino acids
? TYPE: amino acid
? TOPOLOGY: linear
?
US-08-197-792-39

Query Match 100.0%; Score 143; DB 1; Length 351;
Best Local Similarity 100.0%; Pred No. 3.5e-12;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 PWSPSALRLQLRPPEPAHAHANCHR 25
   |||||
DB 225 PWSPSALRLQLRPPEPAHAHANCHR 249

RESULT 2
US-08-459-850-39
; Sequence 39, Application US/08459850
; Patent No. 5665568
; GENERAL INFORMATION:
; APPLICANT: Anthony J. Mason
; APPLICANT: Peter H. Seeburg
; TITLE OF INVENTION: Nucleic Acid Encoding the Alpha or
; TITLE OF INVENTION: Beta Chains of Inhibin and Method for Synthesizing Peptide
; TITLE OF INVENTION: Using such Nucleic Acid
; NUMBER OF SEQUENCES: 44
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Genentech, Inc.
; STREET: 460 Point San Bruno Blvd
; CITY: South San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94080
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 5.25 inch, 360 Kb floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: patin (Genentech)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/459,850
; FILING DATE: 02-JUN-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/197792
; FILING DATE: 17-FEB-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/958414
; FILING DATE: 08-OCT-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/744207
; FILING DATE: 12-AUG-1991
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/215466
; FILING DATE: 05-JUL-1988
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 06/906729
; FILING DATE: 31-DEC-1986
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 06/827710
; FILING DATE: 07-FEB-1986
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 06/783910
; FILING DATE: 03-OCT-1985
; ATTORNEY/AGENT INFORMATION:
; NAME: Hasak, Janet E.
; REGISTRATION NUMBER: 28,616
; REFERENCE/DOCKET NUMBER: 297P2D5
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415/225-1896
; TELEFAX: 415/952-9881
; TELEX: 910/371-7168
; INFORMATION FOR SEQ ID NO: 39:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 351 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
;
US-08-459-850-39

Query Match 100.0%; Score 143; DB 1; Length 351;
Best Local Similarity 100.0%; Pred No. 3.5e-12;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 PWSPSALRLQLRPPEPAHAHANCHR 25
   |||||
DB 225 PWSPSALRLQLRPPEPAHAHANCHR 249

RESULT 3
US-08-459-214-39
; Sequence 39, Application US/08459214
; Patent No. 5716810
; GENERAL INFORMATION:
; APPLICANT: Anthony J. Mason
; APPLICANT: Peter H. Seeburg
; TITLE OF INVENTION: Nucleic Acid Encoding the Alpha or
; TITLE OF INVENTION: Beta Chains of Inhibin and Method for Synthesizing Polypept
; TITLE OF INVENTION: Using such Nucleic Acid
; NUMBER OF SEQUENCES: 44
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Genentech, Inc.
; STREET: 460 Point San Bruno Blvd
; CITY: South San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94080
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 5.25 inch, 360 Kb floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: patin (Genentech)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/459,214
; FILING DATE: 02-JUN-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/197792
; FILING DATE: 17-FEB-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/958414
; FILING DATE: 08-OCT-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/744207
; FILING DATE: 12-AUG-1991
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/215466
; FILING DATE: 05-JUL-1988
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 06/906729
; FILING DATE: 31-DEC-1986
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 06/827710
; FILING DATE: 07-FEB-1986
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 06/783910
; FILING DATE: 03-OCT-1985
; ATTORNEY/AGENT INFORMATION:
; NAME: Hasak, Janet E.
; REGISTRATION NUMBER: 28,616
; REFERENCE/DOCKET NUMBER: 297P2D6
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415/225-1896
; TELEFAX: 415/952-9881
; TELEX: 910/371-7168
; INFORMATION FOR SEQ ID NO: 39:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 351 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
;
US-08-459-850-39
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Query Match 91.6% Score 131 DB 1 Length 364

NUMBER OF SEQUENCES: 27
CORRESPONDENCE ADDRESS:
ADDRESSEE: SPENSLEY HORN JURAS & LIBRITZ

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1  RESULT 9
2  US-08-525-596B-26
3  ; Sequence 26, Application US/08525596B
4  ; Patent No. 5827733
5  ; GENERAL INFORMATION:
6  ; APPLICANT: Huysh, Thanh
7  ; APPLICANT: Lee, Se-jin
8  ; TITLE OF INVENTION: GROWTH DIFFERENTIATION FACTOR-8
9  ; NUMBER OF SEQUENCES: 32
10 ; CORRESPONDENCE ADDRESS:
11 ; ADDRESSEE: Fish & Richardson P.C.
12 ; STREET: 4225 Executive Square, Suite 1400
13 ; CITY: La Jolla
14 ; STATE: CA
15 ; COUNTRY: US
16 ; ZIP: 92037
17 ; COMPUTER READABLE FORM:
18 ; MEDIUM TYPE: Diskette
19 ; COMPUTER: IBM Compatible
20 ; OPERATING SYSTEM: Windows95
21 ; SOFTWARE: FASTSEQ for Windows Version 2.0
22 ; CURRENT APPLICATION DATA:
23 ; APPLICATION NUMBER: US/08/525,596B
24 ; FILING DATE: 19-SEP-1995
25 ; CLASSIFICATION: 514
26 ; PRIOR APPLICATION DATA:

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21P: 92037
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/581,528A
 FILING DATE: 03-Sept-1993
 CLASSIFICATION: 435
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 08/089,670
 FILING DATE: 09-JUL-1993
 CLASSIFICATION: 435
 ATTORNEY/AGENT INFORMATION:
 NAME: Lisa A. Haile, Ph.D.
 REGISTRATION NUMBER: 38,347
 REFERENCE/DOCKET NUMBER: 07265/081001
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 619/678-5070
 TELEFAX: 619/678-5099
 INFORMATION FOR SEQ ID NO: 16:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 122 amino acids
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: linear

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; MOLECULE TYPE: protein
; IMMEDIATE SOURCE:
; CLONE: Inhibin-alpha
; FEATURE:
; NAME/KEY: Protein
; LOCATION: 1..122
US-08-581-528A-16

Query Match          76.9%; Score 110; DB 2; Length 122;
Best Local Similarity 100.0%; Pred. No. 3.9e-08;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 6 ALRLQRPPEPAHANCHR 25
Db 1 ALRLQRPPEPAHANCHR 20

RESULT 11
US-09-097-616-16
; Sequence 16, Application US/09097616
; Patent No. 6090563
; GENERAL INFORMATION:
; APPLICANT: Lee, Se-Jin
; APPLICANT: Huynh, Thanh
; TITLE OF INVENTION: GROWTH DIFFERENTIATION FACTOR-6
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson
; STREET: 4225 Executive Square, Suite 1400
; CITY: La Jolla
; STATE: California
; COUNTRY: USA
; ZIP: 92037
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/097,616
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/581,529
; FILING DATE: 15-APR-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Lisa A. Haile, Ph.D.
; REGISTRATION NUMBER: 38,347
; REFERENCE/DOCKET NUMBER: 07265/082001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (619) 678-5070
; TELEFAX: (619) 678-5099
; INFORMATION FOR SEQ ID NO: 16:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 122 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; IMMEDIATE SOURCE:
; CLONE: Inhibin-alpha
; FEATURE:
; NAME/KEY: Protein
; LOCATION: 1..122
US-09-097-616-16

Query Match          76.9%; Score 110; DB 3; Length 122;
Best Local Similarity 100.0%; Pred. No. 3.9e-08;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 6 ALRLQRPPEPAHANCHR 25
Db 1 ALRLQRPPEPAHANCHR 20

RESULT 12
US-09-177-860A-26
; Sequence 26, Application US/09177860A
; Patent No. 6096506
; GENERAL INFORMATION:
; APPLICANT: Huynh, Thanh
; APPLICANT: Lee, Se-Jin
; TITLE OF INVENTION: ANTIBODIES SPECIFIC FOR GROWTH DIFFERENTIATION FACTOR-8 AN
; NUMBER OF SEQUENCES: 32
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Gray Cary Ware & Freidenrich LLP
; STREET: 4365 Executive Drive, Suite 1600
; CITY: San Diego
; STATE: CA
; COUNTRY: US
; ZIP: 92121
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows95
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/177,860A
; FILING DATE: 23-OCT-1998
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/525,596
; FILING DATE: 19-SEP-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Haile, Ph.D. Lisa A.
; REGISTRATION NUMBER: 38,347
; REFERENCE/DOCKET NUMBER: 07265/075003
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 858-677-1456
; TELEFAX: 858-677-1465
; INFORMATION FOR SEQ ID NO: 26:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 122 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; IMMEDIATE SOURCE:
; CLONE: Inhibin-alpha
; FEATURE:
; NAME/KEY: Protein
; LOCATION: 1..122
US-09-177-860A-26

Query Match          76.9%; Score 110; DB 3; Length 122;
Best Local Similarity 100.0%; Pred. No. 3.9e-08;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 6 ALRLQRPPEPAHANCHR 25
Db 1 ALRLQRPPEPAHANCHR 20

RESULT 13
US-08-624-635-18
; Sequence 18, Application US/08624635
; Patent No. 6204047
; GENERAL INFORMATION:
; APPLICANT: Lee, Se-Jin
; APPLICANT: Cunningham, No. 6204047een
; TITLE OF INVENTION: GROWTH DIFFERENTIATION FACTOR-10
; NUMBER OF SEQUENCES: 26
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Spensley Horn Jubas & Lubitz
; STREET: 1880 Century Park East, Suite 500
; CITY: Los Angeles
; STATE: California
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/ COUNTRY: USA
/ ZIP: 90067
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC Compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: PatentIn Release #1.0, Version #1.25
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/624,635
/ FILING DATE: 16-AUG-1996
/ CLASSIFICATION: 536
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 08/134,078
/ FILING DATE: 08-OCT-1993
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Wetherell, Jr., Ph.D., John R.,
/ REGISTRATION NUMBER: 31,678
/ REFERENCE/DOCKET NUMBER: PD-3054
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (619) 455-5100
/ TELEFAX: (619) 455-5110
/ INFORMATION FOR SEQ ID NO: 18:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 122 amino acids
/ TYPE: amino acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: protein
/ IMMEDIATE SOURCE:
/ CLONE: Inhibitin-alpha
/ FEATURE:
/ NAME/KEY: Protein
/ LOCATION: 1..122
/
/ US-08-624-635-18
/
/ Query Match 76.9%; Score 110; DB 4; Length 122;
/ Best Local Similarity 100.0%; Pred. No. 3.9e-08;
/ Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
/
/ QY 6 ALRLQRPPEPAAHANCHR 25
/ Db 1 ALRLQRPPEPAAHANCHR 20
/
/ RESULT 14
/ US-09-145-060-22
/ Sequence 22, Application US/09145060
/ Patent No. 6245896
/ GENERAL INFORMATION:
/ APPLICANT: Lee, Se-jin
/ APPLICANT: Huyuh, Thanh
/ TITLE OF INVENTION: GROWTH DIFFERENTIATION FACTOR-5
/ NUMBER OF SEQUENCES: 27
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Fish & Richardson, P.C.
/ STREET: 4225 Executive Square, Suite 1400
/ CITY: La Jolla
/ STATE: CA
/ COUNTRY: USA
/ ZIP: 92037
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Diskette
/ COMPUTER: IBM Compatible
/ OPERATING SYSTEM: Windows95
/ SOFTWARE: FastSeq for Windows Version 2.0
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/145,060
/ FILING DATE:
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/455,559
/ FILING DATE: 31-MAY-1995
/ APPLICATION NUMBER: 08/003,144
/ FILING DATE: 12-JAN-1993
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/
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Lisa A. Haile, Ph.D.
/ REGISTRATION NUMBER: 38,347
/ REFERENCE/DOCKET NUMBER: 07265/057001
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 619/678-5070
/ TELEFAX: 619/678-5099
/ INFORMATION FOR SEQ ID NO: 22:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 122 amino acids
/ TYPE: amino acid
/ TOPOLOGY: linear
/ MOLECULE TYPE: protein
/ IMMEDIATE SOURCE:
/ CLONE: Inhibitin-alpha
/
/ US-09-145-060-22
/
/ Query Match 76.9%; Score 110; DB 4; Length 122;
/ Best Local Similarity 100.0%; Pred. No. 3.9e-08;
/ Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
/
/ QY 6 ALRLQRPPEPAAHANCHR 25
/ Db 1 ALRLQRPPEPAAHANCHR 20
/
/ RESULT 15
/ PCT-US94-00657-22
/ Sequence 22, Application PC/TUS9400657
/ GENERAL INFORMATION:
/ APPLICANT: SE-JUN LEE
/ APPLICANT: HUYNH, THANH
/ TITLE OF INVENTION: GROWTH DIFFERENTIATION FACTOR-5
/ NUMBER OF SEQUENCES: 27
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: SPENSLEY HORN JUBAS & LOBITZ
/ STREET: 1880 CENTURY PARK EAST, FIFTH FLOOR
/ CITY: LOS ANGELES
/ STATE: CALIFORNIA
/ COUNTRY: US
/ ZIP: 90067
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC Compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: PatentIn Release #1.0, Version #1.25
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: PCT/US94/00657
/ FILING DATE: 1/12/94
/ CLASSIFICATION:
/ ATTORNEY/AGENT INFORMATION:
/ NAME: WETHERELL, JR. PH.D., JOHN R.
/ REGISTRATION NUMBER: 31,678
/ REFERENCE/DOCKET NUMBER: FD3256 CIP OF P02280
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 619/455-5100
/ TELEFAX: 619-455-5110
/ INFORMATION FOR SEQ ID NO: 22:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 122 amino acids
/ TYPE: amino acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: protein
/ IMMEDIATE SOURCE:
/ CLONE: Inhibitin-alpha
/ FEATURE:
/ NAME/KEY: Protein
/ LOCATION: 1..122
/
/ PCT-US94-00657-22
/
/ Query Match 76.9%; Score 110; DB 5; Length 122;
/ Best Local Similarity 100.0%; Pred. No. 3.9e-08;
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Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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QY 6 ALRLQRPPEPAHANCHR 25

1. *Chlorophyll a* (mg/g)
 2. *Chlorophyll b* (mg/g)
 3. *Chlorophyll a + b* (mg/g)
 4. *Chlorophyll a* (mg/g)
 5. *Chlorophyll b* (mg/g)
 6. *Chlorophyll a + b* (mg/g)
 7. *Chlorophyll a* (mg/g)
 8. *Chlorophyll b* (mg/g)
 9. *Chlorophyll a + b* (mg/g)
 10. *Chlorophyll a* (mg/g)
 11. *Chlorophyll b* (mg/g)
 12. *Chlorophyll a + b* (mg/g)
 13. *Chlorophyll a* (mg/g)
 14. *Chlorophyll b* (mg/g)
 15. *Chlorophyll a + b* (mg/g)

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Search completed: March 13, 2003, 14:00:27
Job time : 17 secs